

Title (en)  
Document processing method and system.

Title (de)  
Dokumentverarbeitungsverfahren und -system.

Title (fr)  
Système et procédé de traitement de documents.

Publication  
**EP 0544255 A2 19930602 (EN)**

Application  
**EP 92120087 A 19921125**

Priority  
JP 31222291 A 19911127

Abstract (en)  
The document processing method and system in this invention automatizes extraction of source language sentences from figures, which is the pre-processing for figure translation, as well as embedding of translated sentences in drawings, which is the postprocessing in figure translation. The pre-processing consists of recognizing the regions included in a source figure, extracting a sentence from each region, and extracting the topological characteristics of the figure, and the post-processing consists of enlarging shrinking each sentence display region according to the change of the sentence length by translation, and generating a figure which preserves the extracted topological characteristics and includes the enlarged/shrunked sentence display regions. Thus, the system reduces greatly the machine translation cost for documents containing tables, flow charts, etc. <IMAGE>

IPC 1-7  
**G06F 15/72**

IPC 8 full level  
**G06F 17/21** (2006.01); **G06F 17/27** (2006.01); **G06F 17/28** (2006.01); **G06K 9/20** (2006.01); **G06T 11/60** (2006.01)

CPC (source: EP US)  
**G06T 11/60** (2013.01 - EP US); **G06V 30/413** (2022.01 - EP US)

Cited by  
EP0762189A1; US6047891A; US9330437B2; EP2940610B1

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 0544255 A2 19930602**; **EP 0544255 A3 19940105**; JP H05151254 A 19930618; US 5813018 A 19980922

DOCDB simple family (application)  
**EP 92120087 A 19921125**; JP 31222291 A 19911127; US 40592695 A 19950316